Location Of SSO	Date SSO Began	Time SSO Began	Date SSO 1 Ended	Γime SSO Ended	Overflowed To (Location):	SSO Volume (mg)	SSO Volume (Est/Act)	WWTP Flow During SSO (mgd)	Aquatic life Killed (Yes or No)	Reason For SSO	Precipitation (Inches)	Details Of SSO (As Described by the Incident Report)	Actions Taken (As Described by the Incident Report)	Additional Information / Additional Action Required / Current Status of Projects (As of March 9, 2009 Review)
MH 23-120 located at 2422 Briarcliff Drive	02/05/08	10:30 PM	02-05-08	-	Ground and into private lake	0.004	Est	7.5	No	Precipitation		Blue Lake pump station became hydraulically over loaded due to rain. As a result, sewage backed-up and created the overflow.	A diesel pump was used to assist the lift station pumps via an emergency force main connection. Two (2) vacuur tank trucks were used to assist the lift station. Sewage was transported around the lift station and placed back into the collection system. A "Potential E.coli Contamination" warning sign was placed at the overflow location near the lake. The E.coli sign will stay in place until lab tests indicate that levels have dropped to a safe limit. The Blue Lake lift station force main will be upgraded to handle the high flow generated during storm events. The final design has been completed and we are in the easement acquisition phase of the project. After completion of a title search for the easement parcels, the attorney discovered that several parcels were sold and the properties had been platted without easements. We are currently working on resolving these issues and revising the easement documents. We expect to be under construction later this year.	28, 2008. The new Blue Lake force main was completed and placed in service on February 23, 2009.
MH 11-197 located at 8477 Sycamore Drive	02/06/08	12:05 AM	02-06-08	12:45 AM	Ground	0.001	Est	10.7	No	Precipitation	3.75	Sanitary sewer was surcharged due to rain.	Newburgh's engineers have flow modeled this area using our SWMM model, and modeling indicates that this sanitary sewer should be replaced with a larger diameter sewer to prevent surcharging and overflows during rain events. The project will be referred to the Utility Committee for inclusion in Master Plan Project list.	The project has been added to the Exhibit K Master Plan Project List. The Town Council has awarded the design contract. The project is currently in the design phase.
Master Lift Station force main vacuum/air release valve located at station no. 163 + 00 on Vann Rd.	03/16/08	12:00 PM	03-16-08		Ground to unnamed ditch	0.003	Est	3.8	No	Equipment Failure		A Master Lift Station force main vacuum / air release valve experienced a mechanical failure which led to the release.	vacuum/air release was isolated by closing the isolation	In March 2008, our engineers recommended replacing 3 of the 6-inch vacuum/air relief valves on the Master Lift Station force main with 3-inch vacuum valves. They also recommended restricting 3 of the other 6-inch sevalves on the force main to 3-inch exhaust/inlets. This work was completed shortly after the recommendation. In September 2008, it was discovered that the 3 valves that were restricted to 3-inch exhaust/inlets were still receiving damage due to hammering. The engineer upon to learning of this recommended a modified installation which allowed replacement of the three 6-inch valves with three 3-inch valves. To date, all six 6-inch of the problem valves have been replaced with 3-inch valves, and the new valves have been operating with no internal parts damage. We will continue to inspect the valves on this force main for damage on a 1-month schedule.

Location Of SSO	Date SSO Began	Time SSO Began	Date SSO Ended	Time SSO Overflowed To (Location):	SSO Volume (mg)	SSO Volume (Est/Act)	WWTP Flow During SSO (mgd)	Aquatic life Killed (Yes or No)	Reason For SSO	Precipitation (Inches) Details Of SSO (As Described by the Incident Report)	Actions Taken (As Described by the Incident Report)	Additional Information / Additional Action Required / Current Status of Projects (As of March 9, 2009 Review)
MH 23-10	03/18/08	7:00 AM	03-18-08	7:45 AM Ground and into private lake	0.002	Est	13	No	Precipitation	6.5 Blue Lake pump station became hydraulically over loaded due to rain. As a result, sewage backed-up and created the overflow.	A diesel pump was used to assist the lift station pumps via an emergency force main connection. A vacuum truck was used to assist the lift station. Sewage was transported around the lift station and placed back into the collection system. A "Potential E.coli Contamination" warning sign was placed at the overflow location near the lake. The E.coli sign will stay in place until lab tests indicate that levels have dropped to a safe limit. The Blue Lake lift station force main will be up-graded to handle the high flow generated during storm events. The final design has been completed and we are in the easement acquisition phase of the project. After completion of a title search for the easement parcels, the attorney discovered that several parcels were sold and the properties had been platted without easements. We are currently working on resolving these issues and revising the easement documents. We expect to be under construction later this year.	
MH 23-10	03/18/08	8:15 PM	03-18-08	9:37 PM Ground and into private lake	0.002	Est	15.6	No	Precipitation	6.5 Blue Lake pump station became hydraulically over loaded due to rain. As a result, sewage backed-up and created the overflow.	A diesel pump was used to assist the lift station pumps via an emergency force main connection. Two (2) vacuum trucks were used to assist the lift station. Sewage was transported around the lift station and placed back into the collection system. A "Potential E.coli Contamination" warning sign was already in place at the overflow location due to previous overflow earlier the same day. The E.coli sign will stay in place until lab tests indicate that levels have dropped to a safe limit. The Blue Lake lift station force main will be up-graded to handle the high flow generated during storm events. The final design has been completed and we are in the easement acquisition phase of the project. After completion of a title search for the easement parcels, the attorney discovered that several parcels were sold and the properties had been platted without easements. We are currently working on resolving these issues and revising the easement documents. We expect to be under construction later this year.	
MH 09-140 at Old Dam Property Along Hwy 662	03/18/08	9:00 PM	03-19-08	7:30 AM Ground and into Ohio River	0.189	Est	15.6	No	Precipitation	Lift Station No. 1 became hydraulical overloaded due to a massive rain event, creating the overflow	Lift Station No. 1's pumps were supplemented with an 8- inch diesel pump connected to an emergency force main connection and 2 vacuum pumper tankers. The tankers transported the waste to WWTP treatment. Two projects are planned to correct the capacity problem: Upgrade the capacity of the lift station, scheduled for bid letting in late March 2008 and Upgrade force main capacity by installing a twin force main, expected bid letting will be in late 2008.	

Location Of SSO	Date SSO Began	Time SSO Began	Date SSO Ended	Time SSO Ended	Overflowed To (Location):	SSO Volume (mg)	SSO Volume (Est/Act)	WWTP Flow During SSO (mgd)	Aquatic life Killed (Yes or No)	Reason For SSO	Precipitation (Inches)	Details Of SSO (As Described by the Incident Report)	Actions Taken (As Described by the Incident Report)	Additional Information / Additional Action Required / Current Status of Projects (As of March 9, 2009 Review)
ITT Force Main Vacuum/Air Relief Valve Located at Stahl Rd & Venetian Way	04/07/08	10:23 AM	04-07-08	1:00 PM	Over the ground toward a private lake	0.003	Est	3.8	No	Equipment Failure		The ITT Pump Station force main experienced a vacuum/air release failure which caused the overflow (the float inside the valve broke). The defective valve was repaired immediately.	A vacuum/tank truck was called in, and the valve pit and the area around the pit was vacuum cleaned. Liquid vacuumed up was placed back into a sanitary sewer. E.coli warning signs were placed at the lake. The E.coli signs will remain until the lake is tested and the E.coli levels are in a safe range. The valves are currently inspected once every two months. The procedure will be reviewed for potential update.	The vacuum air release valves for this force main will continue to be inspected on a 2-month schedule.
MH 23-10	04/11/08	12:45 AM	04-11-08	1:46 AM	Ground and into private lake	0.003	Est	14.8	No	Precipitation	2.36	Blue Lake pump station became hydraulically over loaded due to rain. As a result, sewage backed-up and created the overflow.	A diesel pump was used to assist the lift station pumps via an emergency force main connection. A vacuum truck was used to assist the lift station. Sewage was transported around the lift station and placed back into the collection system. A "Potential E.coli Contamination" warning sign was placed at the overflow location near the lake. The E.coli sign will stay in place until lab tests indicate that levels have dropped to a safe limit. The Blue Lake lift station force main will be up-graded to handle the high flow generated during storm events. The final design has been completed and we are in the easement acquisition phase of the project. After completion of a title search for the easement parcels, the attorney discovered that several parcels were sold and the properties had been platted without easements. We are currently working on resolving these issues and revising the easement documents. We expect to be under construction later this year.	
MH 03-09	04/23/08	8:26 AM	04-23-08	9:45 AM	Ground and into a ditch	0.002	Est	2.7	No	Sanitary Sewer Main Clog		An 8-inch sewer main was clogged 110 feet down stream of manhole 93-99 03-06*.	The line was immediately cleaned with a high pressure jet. Grease silt and rags were flushed from the line. The line will be placed on our preventative maintenance list for periodic cleaning. The line will also be TV inspected and any defects found in the line will be repaired ASAP.	*Point of clarification: The line clog was found in the line segment stretching from MH 03-04A to MH 03-06. This created the overflow at MH 03-09. The line was TV inspected and was placed on our preventative maintenance list for periodic cleaning. The TV inspection revealed numerous grade issues (bellies) in the line. We are currently evaluating existing grade conditions to determine if line replacement is feasible at proper gradient.
MH 23-10	06/13/08	4:30 PM	06-13-08	5:05 PM	Ground and into private lake	0.002	Est	8.4	No	Precipitation	2.54	Blue Lake pump station became hydraulically over loaded due to rain. As a result, sewage backed-up and created the overflow.	A diesel pump was used to assist the lift station pumps via an emergency force main connection. A vacuum truck was used to assist the lift station. Sewage was transported around the lift station and placed back into the collection system. A "Potential E.coli Contamination" warning sign was placed at the overflow location near the lake. The E.coli sign will stay in place until lab tests indicate that levels have dropped to a safe limit. The Blue Lake lift station force main will be up-graded to handle the high flow generated during storm events. The contract for the project was awarded on 5-14-08. Construction is to begin by 6-25-08. Project is scheduled to be completed by 11-24-08.	

Location Of SSO	Date SSO Began	Time SSO Began	Date SSO Ended	Time SSO C	Overflowed To (Location):	SSO Volume (mg)	SSO Volume (Est/Act)	WWTP Flow During SSO (mgd)	Aquatic life Killed (Yes or No)	Reason For SSO	Precipitation (Inches)	Details Of SSO (As Described by the Incident Report)	Actions Taken (As Described by the Incident Report)	Additional Information / Additional Action Required / Current Status of Projects (As of March 9, 2009 Review)
MH 13-94 & 13-95 at 7455 Eastview Ct	07/12/08	10:15 AM	07-12-08		Ground and into I private lake	0.0009	Est	2	No	Sewer Main Clog	con A f cal ma cer SC tha rep Bo rep an wa su rep rep inc	swburgh received a complaint incerning the overflow at 10:15 AM. high pressure jet machine was illed to the location, and the sewer ain was jet cleaned. The overflow lased at 11:30 AM. Our Department DP concerning overflow incidents is at when an incident occurs it is to be ported to a supervisor immediately. Oth employees at the site failed to port the incident to their supervisor, did consequently the incident report as not filed on 7-12-08. The previsor was not informed until the orning of 7-14-08. The incident port was then filed. The employee sponsible for not reporting the cident to his supervisor has been sunseled on proper procedures.	E.coli warning signs were posted and will remain in place until testing indicates safe levels. The line will be TV inspected and any defects found will be corrected ASAP.	TV inspection of the line revealed that the main line clog was due to a defective lateral tap. The defective tap was repaired on July 15, 2008.
Break in an 8-inch sanitary sewer main 25 feet east of manhole 13-93	08/08/08	2:26 PM	08-08-08		Stream and into private lake	0.002	Est	2.3	No	Break in 8-inch Sanitary Sewer	sar and and	anitary sewer crossing the stream, and the sanitary sewer pipe dropped	posed at the lake warning of potential E.coli contamination	Approximately 200 feet of 8-inch sanitary sewer main needs to be relayed at a suffient depth to go under the stream. Plans are in place to do this work, however additional easements are needed before the work can begin. As soon as the easements are acquired the project will proceed.
4877 Eauclair Lane MH 03-09	09/01/08	1:00 PM	09-01-08		Ground to storm ewer	0.00254	Est	2.3	No	Sanitary Sewer Main Clog	ma fro	grease clog in the 8-inch sanitary ain occurred 10 feet down stream om manhole 03-07, creating the erflow at manhole 03-09	The line was cleaned with a high pressure jet machine. The area around the manhole was vacuum cleaned with a vacuum truck, removing all pooled sewage. The line will be TV inspected and any defects found will be corrected ASAP	Point of clarification: The line clog was found in the line segment stretching from MH 03-06 to MH 03-07. This created the overflow at MH 03-09. The line was TV inspected and was placed on our preventative maintenance list for periodic cleaning. The TV inspection revealed that there is a grade issue in the line. We are currently evaluating existing grade conditions to determine if line replacement is feasible at proper gradient.
8400 Sharon Road MH 10-169	09/03/08	10:35 AM	09-03-08		Ground and into	0.003	Est	1.9	No	Sanitary Sewer Main Clog	8-i ma	grease and rag clog occurred in the inch main 15 feet upstream from anhole no. 10-106, creating the erflow.	The line was cleaned with a high pressure jet machine. The area around manhole 10-169 was vacuum cleaned with a vacuum truck, removing the pooled sewage. The line will be TV inspected, and any defects found will be corrected ASAP.	TV inspection of the line revealed that the main line clog was due to a sag in the line. Our engineer performed a field investigation and has recommended that a project be developed to replace 170 feet of 8-inch gavity sanitary sewer. The engineer also recomended the replacement of the upstream and down stream manholes. Currently the project has proceeded to the preliminary design phase.
Residential service line at 702 Forest Park Drive	12/01/08	9:07 AM	12-01-08	10:30 AM G	Ground	0.001	Est	1.9	No	Sewer Main Clog	res	ne sanitary sewer main servicing the sidence at 702 Forest Park Drive scame clogged with roots.	The line was immediately cleaned with a hydraulic root cutter to clear the roots. The line was TV inspected and it was found that roots have intruded at the pipe joints. A point repair to the sewer main will be scheduled; and until the point repair is completed, the line will be placed on our preventative maintenance list for periodic cleaning.	Due to the number of defects in this line, the line segment extending from MH 14-257 to MH 13-197 has been recommended for replacement. The Town Council approved the line replacement project on 1-14-09, and we are currently waiting for the contractor to mobilize.
1						0.22044								